

Strebenprofil 20x20 2N, 1000 mm, Aluminium eloxiert, Natur - Bosch Rexroth 3842993422-1000

Item no. BRR-3842993422-1000

Manufacturer Bosch Rexroth

Extruded anodized aluminum strut profile with a 20x20 mm cross-section and two open slots (type 2N) for flexible use in assembly frames, machine guards, and workstation structures. Supplied in variable lengths from 50 to 3000 mm, this profile integrates directly into the Bosch Rexroth Size 20 modular system - no drilling or welding required.

TECHNICAL DATA

Ausführungsklasse	TEC
Country of Manufacture	Germany
Hinweis	Gemäß der aktuellen Preisstruktur werden für Bestellungen von Profilen mit einer Länge von 1500 mm zusätzliche Kosten in Höhe von 80,00 Euro berechnet.
Weight	0.0099 kg
Zolltarifnummer	76042100



DESCRIPTION

The 20x20 2N strut profile is an anodized aluminum section with a 20 mm modular dimension and two open slot-6 grooves. It serves as the structural building block for protective enclosures, conveyor frames, workstation systems, and machine guarding where low weight and tool-free assembly are priorities.

- Variable cut length from 50 to 3000 mm - delivered to exact dimension, no on-site cutting needed
- Two open slots (type 2N) allow connections on two faces without drilling or welding
- Anodized aluminum finish - corrosion-resistant, durable, clean natural appearance
- Fully compatible with the Bosch Rexroth Size 20 modular system: connectors, brackets, cover caps and all system accessories fit directly
- Torsion resistance moment 0.52 cm³ and area moment of inertia up to 0.8 cm⁴ for adequate stiffness in lightweight frames

TECHNICAL DATA

Specification	Value
Cross-section	20x20 mm
Profile type	2N
Open slots	2
Profile slot width	6 mm

Specification	Value
Modular dimension	20 mm
Length min. (L min)	50 mm
Length max. (L max)	3000 mm
Supplied length (this order)	1000 mm
Material	Aluminum, anodized
Color	Natural
Profile surface area (A)	1.8 cm ²
Mass (m)	0.5 kg/m
Area moment of inertia I _x	0.7 cm ⁴
Area moment of inertia I _y	0.8 cm ⁴
Moment of resistance W _x	0.7 cm ³
Moment of resistance W _y	0.8 cm ³
Torsional moment of inertia (I _t)	0.31 cm ⁴
Moment of torsion resistance (W _t)	0.52 cm ³
Packaging unit	1 piece
Recommended accessories	Cover cap 20x20 signal gray, Cover cap 20x20 black